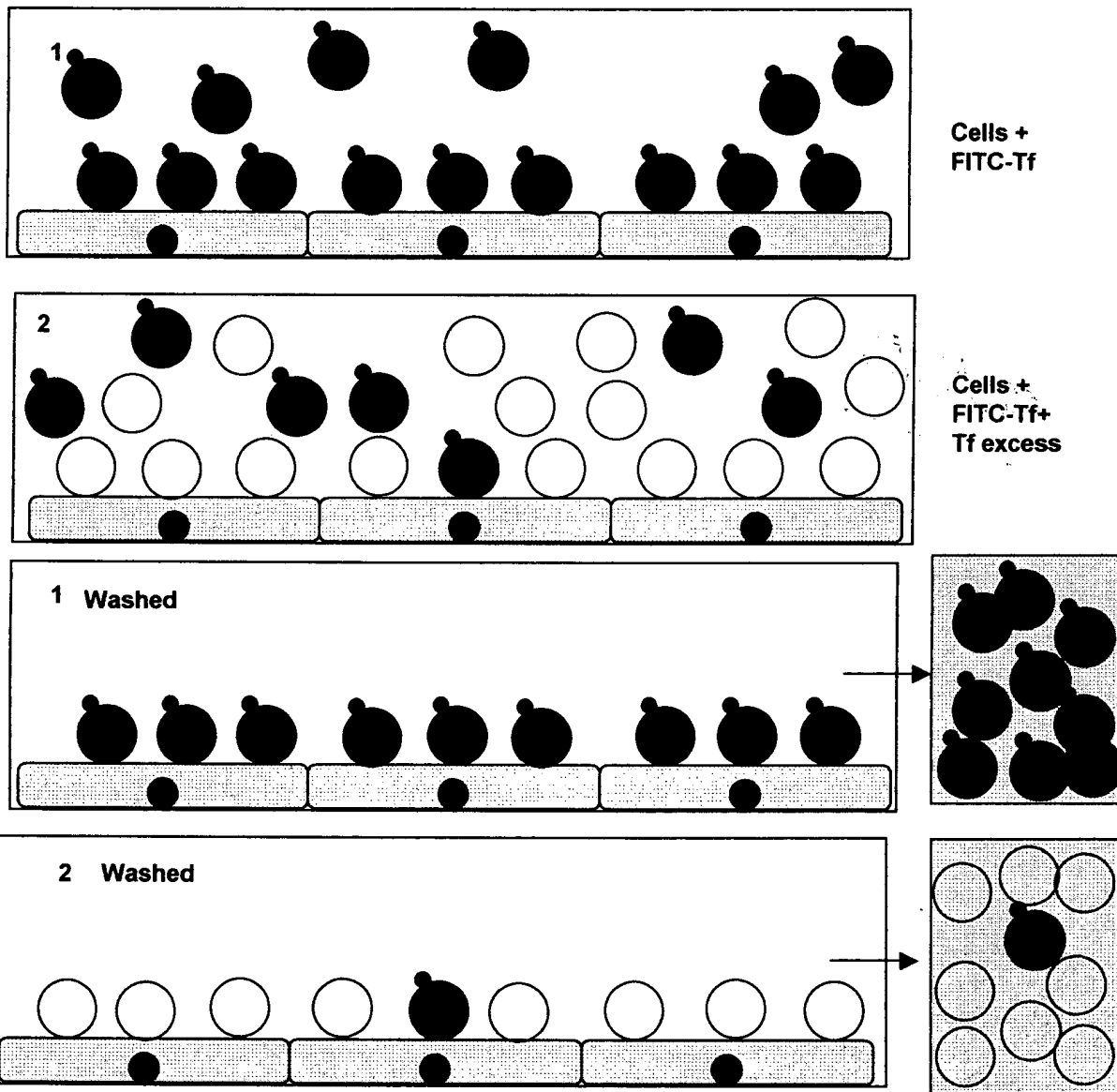


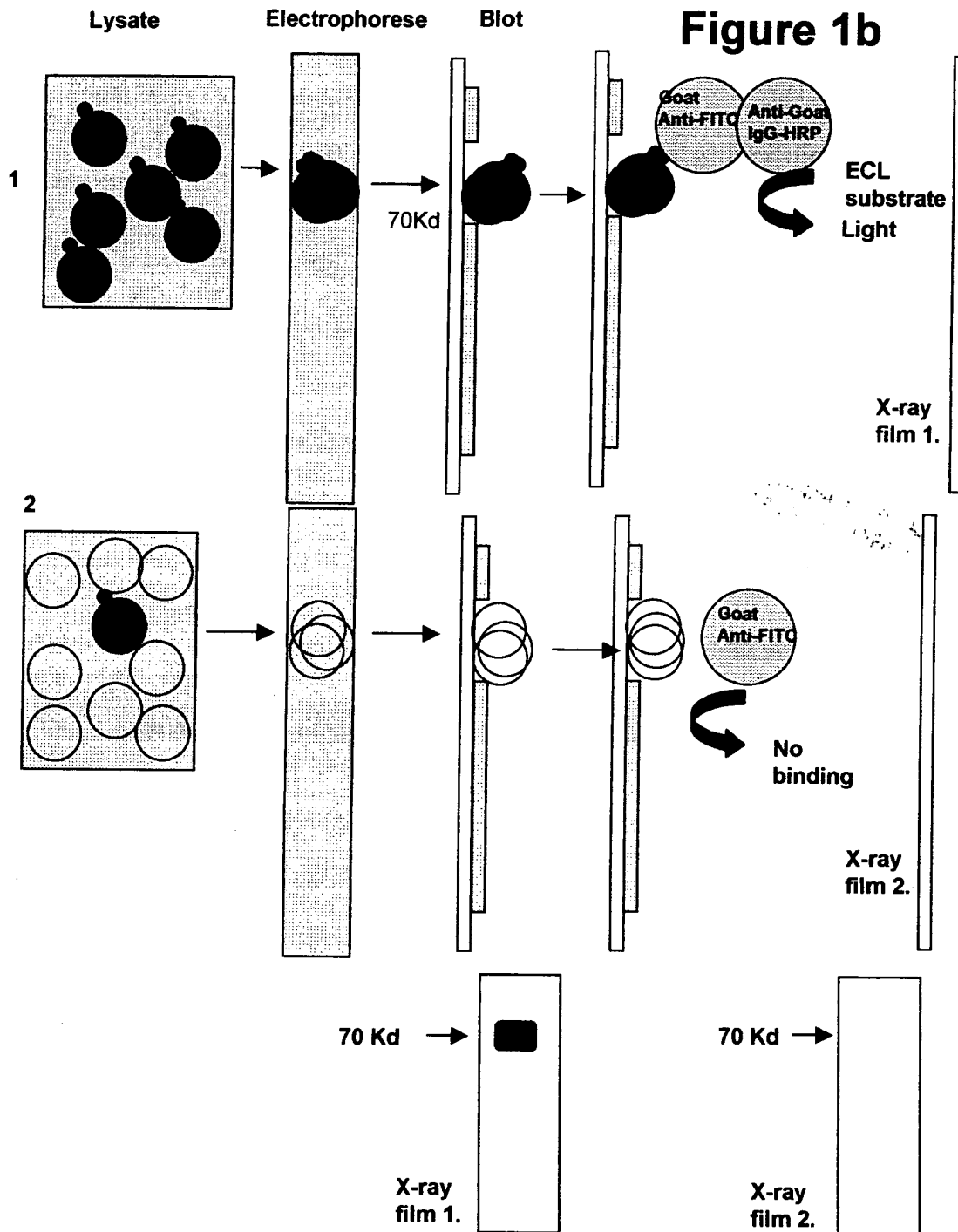
FITC-Tf   Tf  Cell

Figure 1a



Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
Title: Method for the Detection and Measurement of Hapten-Conjugated Biological Binding Entities by Western and Dot Blot using Anti-Hapten Antibodies.
Text: 28 pages total. **Figures:** 12 pages total.
Figures: Page 5 of 12

2050E0 06920001



Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
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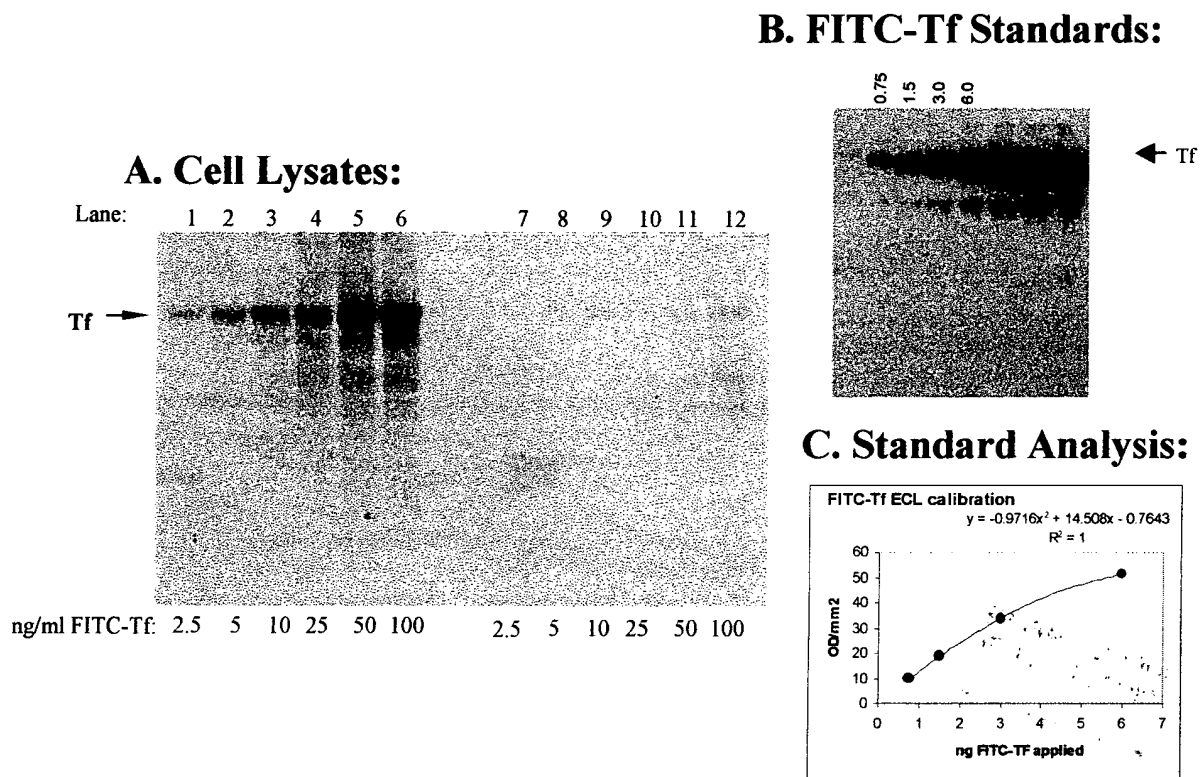


Figure 2.

Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
Title: Method for the Detection and Measurement of Hapten-Conjugated Biological Binding Entities by Western and Dot Blot using Anti-Hapten Antibodies.
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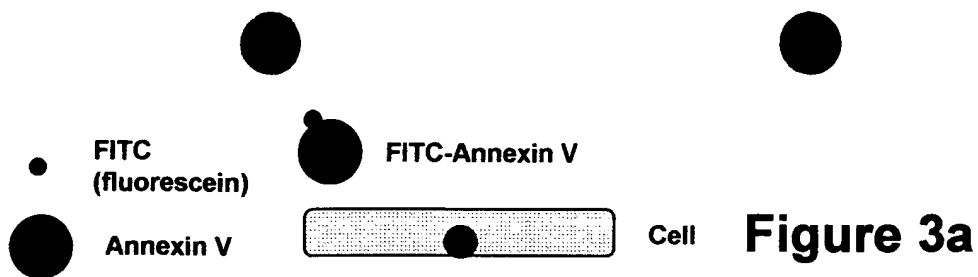
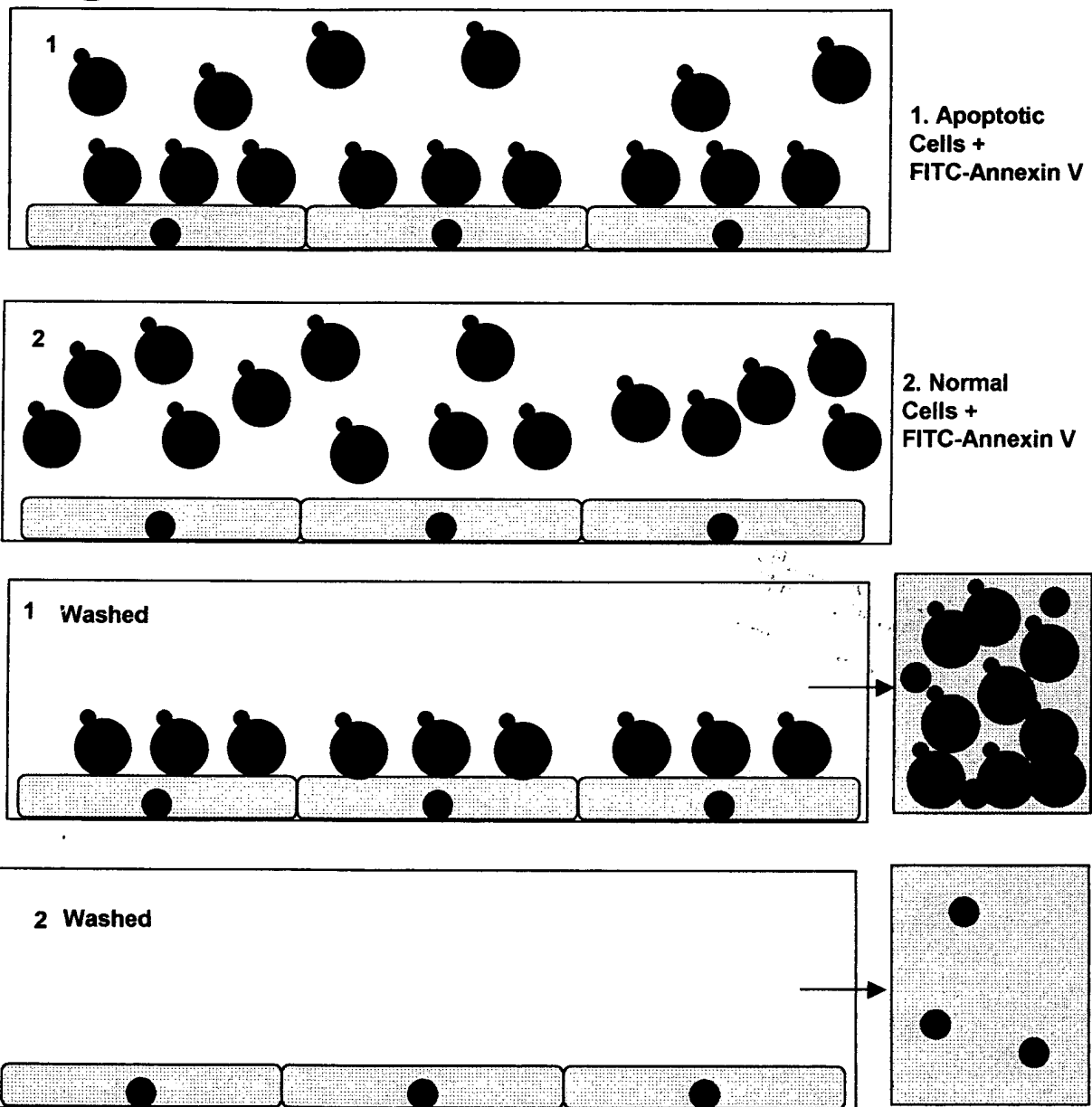
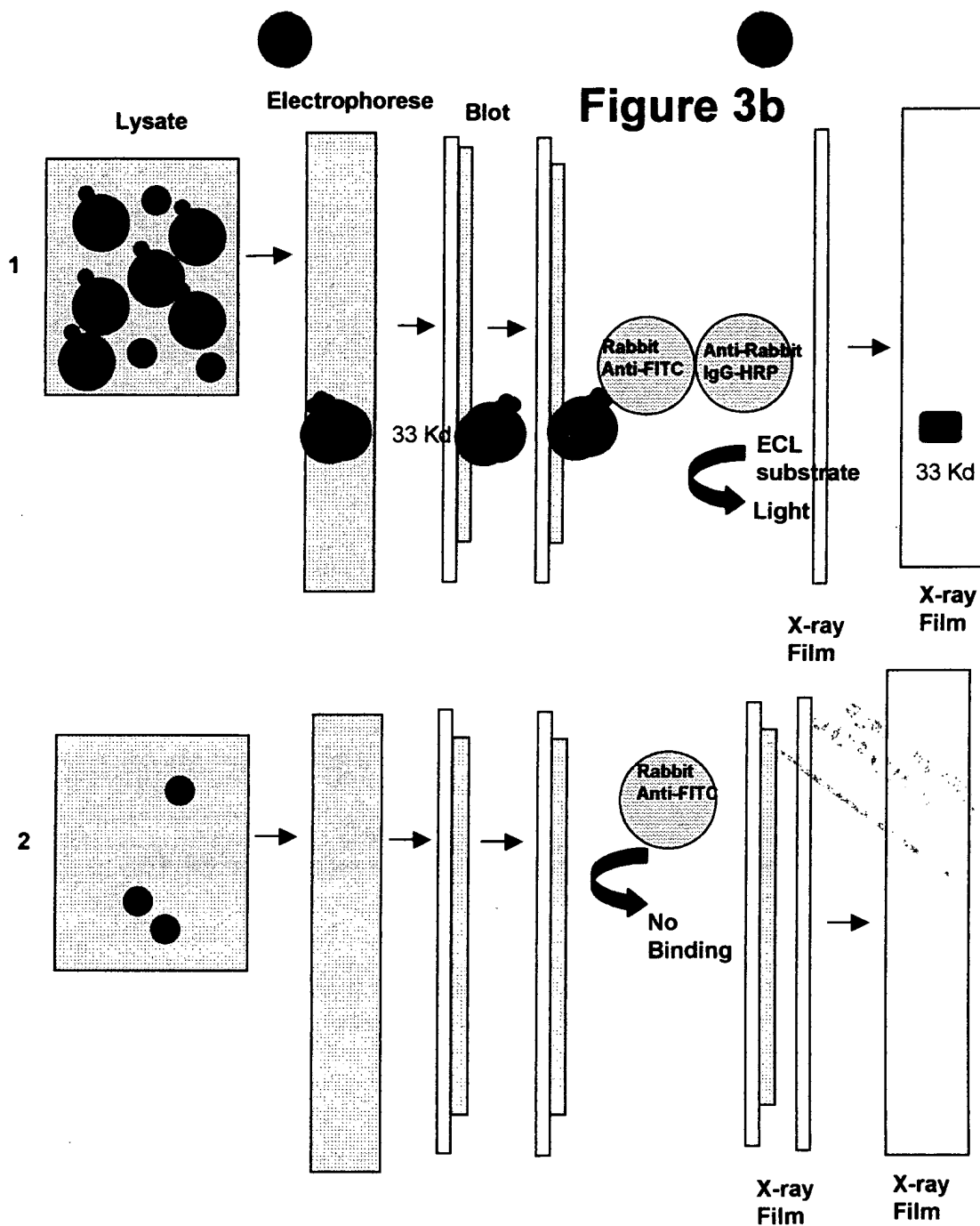


Figure 3a



Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
Title: Method for the Detection and Measurement of Hapten-Conjugated Biological Binding Entities by Western and Dot Blot using Anti-Hapten Antibodies.
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Figures: Page 5 of 12

Figure 4

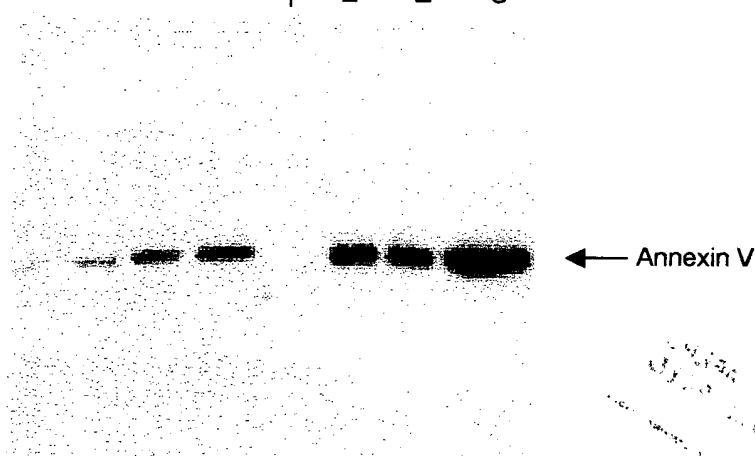
A.

FITC-Annexin V Standards:
amount applied to gel (ug):

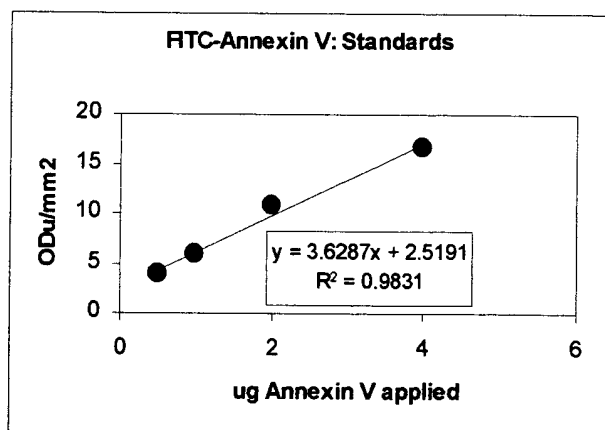
0.5 1 2 4

MTLn3 Cell Lysates:
(8ug cell protein per well)
Treatment:

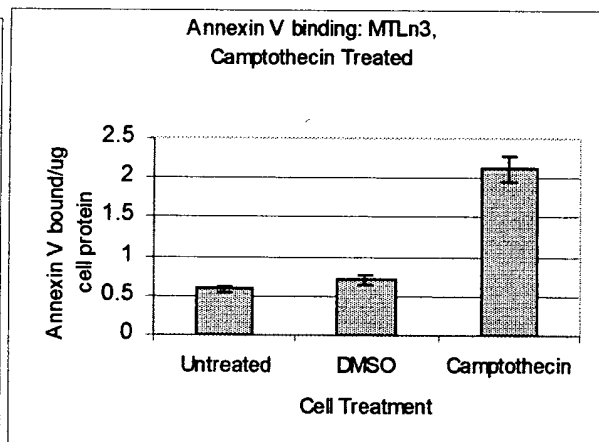
None DMSO Camptothecin



B.



C.



Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
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2050ED 0692000T

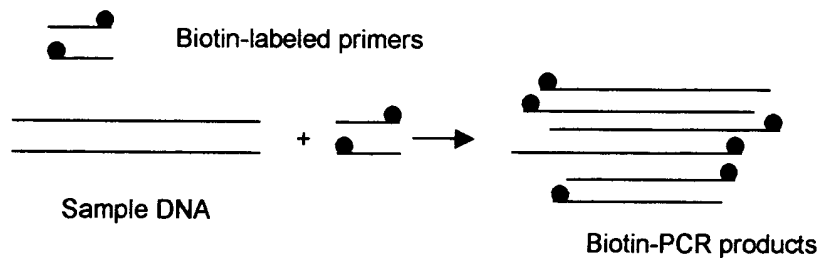
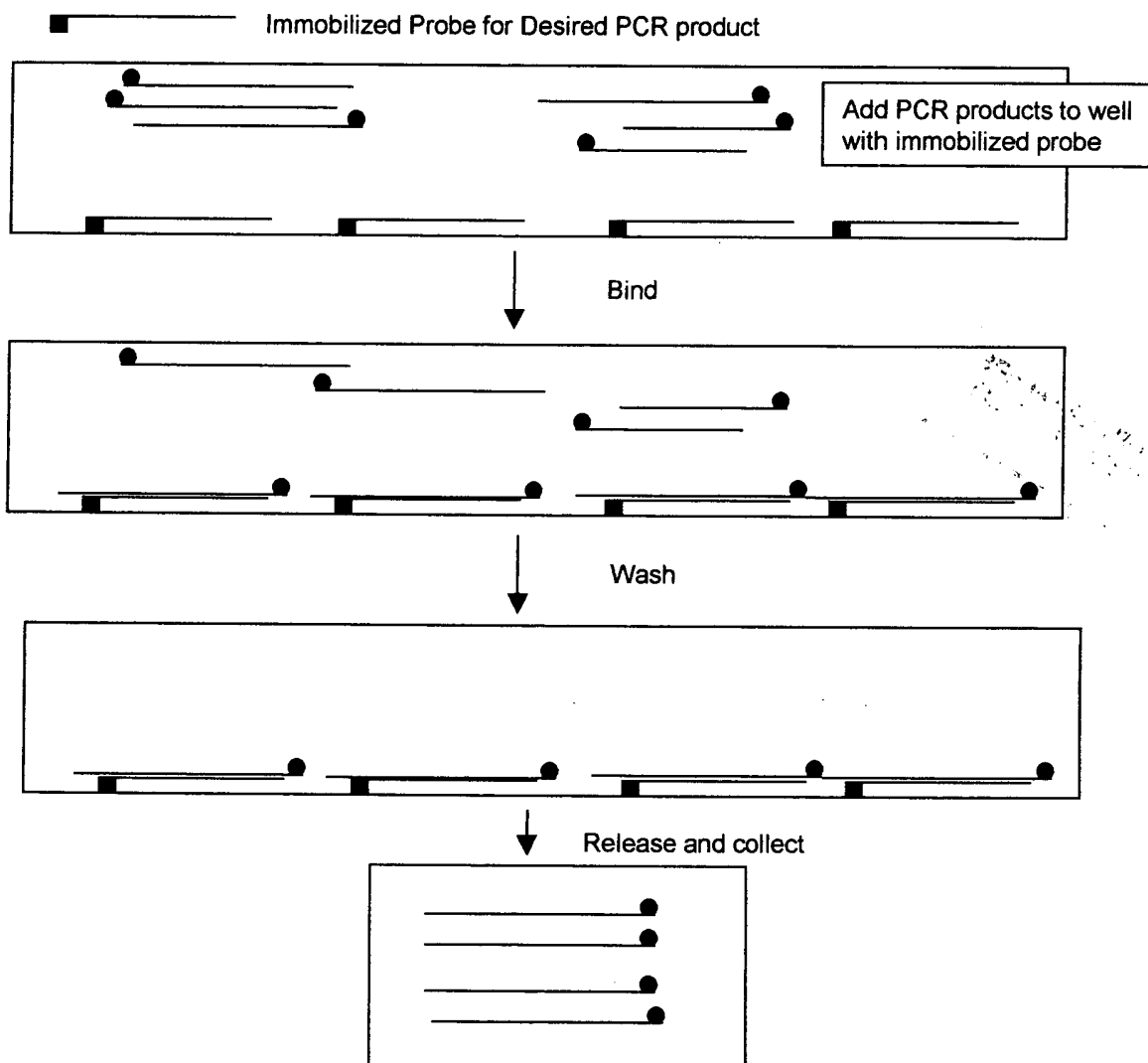


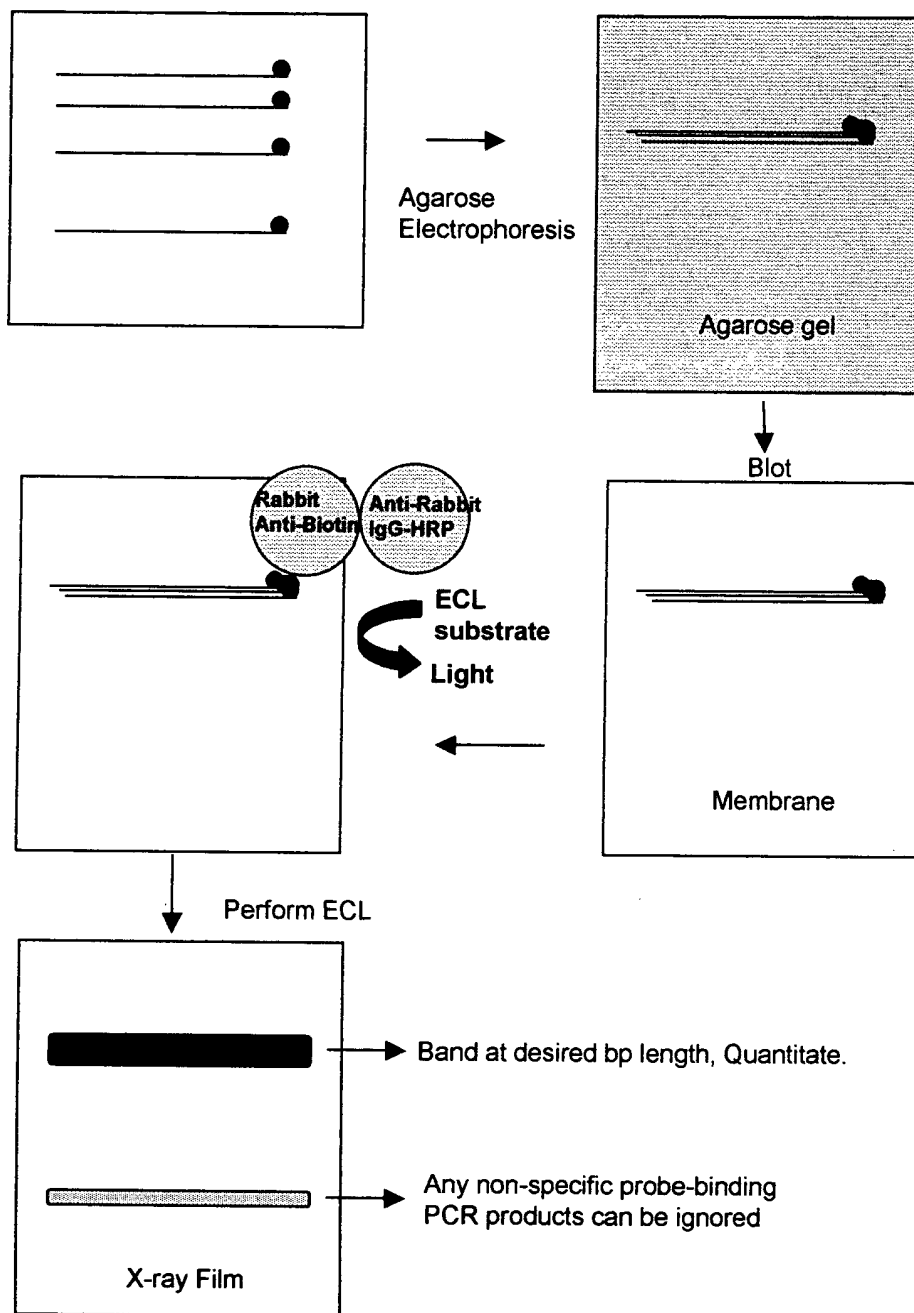
Figure 5a



Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
Title: Method for the Detection and Measurement of Hapten-Conjugated Biological Binding Entities by Western and Dot Blot using Anti-Hapten Antibodies.
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 Figures: Page 5 of 12

2050ED 0692000T

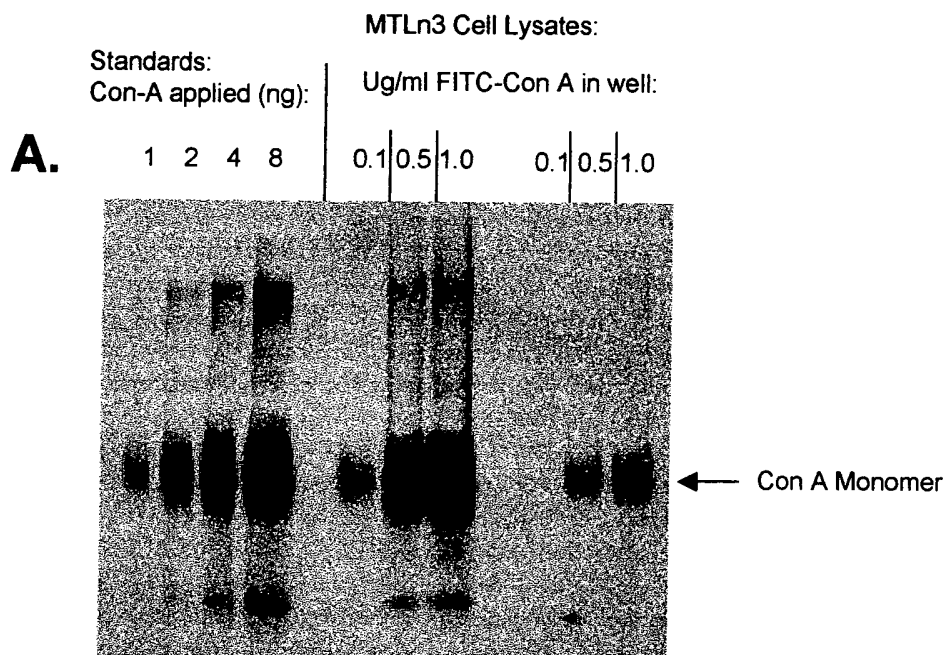
Figure 5b



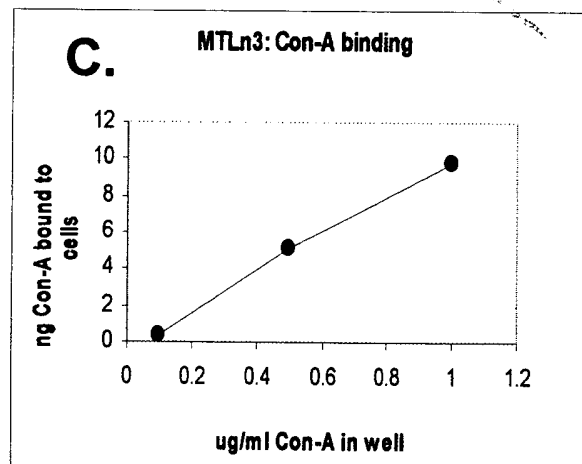
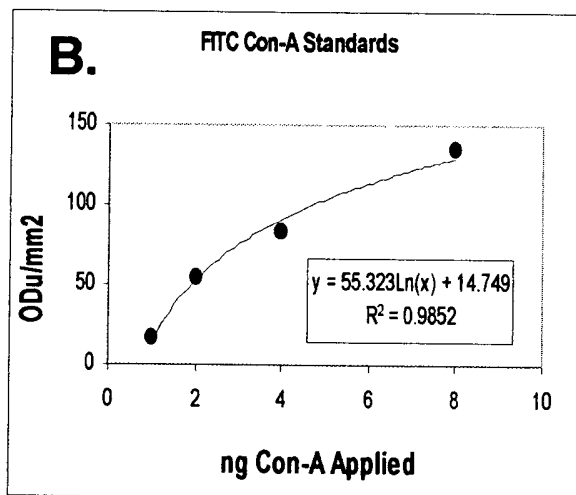
Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
Title: Method for the Detection and Measurement of Hapten-Conjugated Biological Binding Entities by Western and Dot Blot using Anti-Hapten Antibodies.
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2050E0" 0692000T

Figure 6.



→ + 200 ug/ml native Con-A



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205020 "0692000T"

A. Standards:

Ng FITC-Con A
/Standard:

0.2

0.4

0.8

1.6

B. MTLn3 Cell Lysates:

(4 μ L each lysate blotted)

μ g/ml Initial
FITC-ConA:

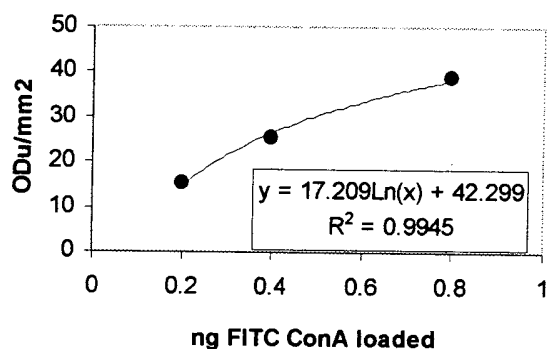
0.1

0.5

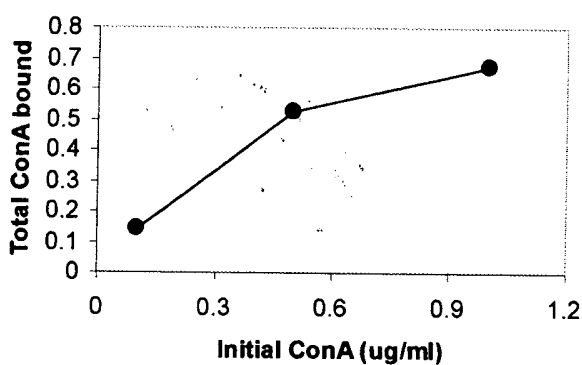
1.0

→ + Excess Un-conjugated Con-A

C. FITC ConA Dot Blot: Standards



D. MTLn3: FITC-ConA Binding (Dot Blot)



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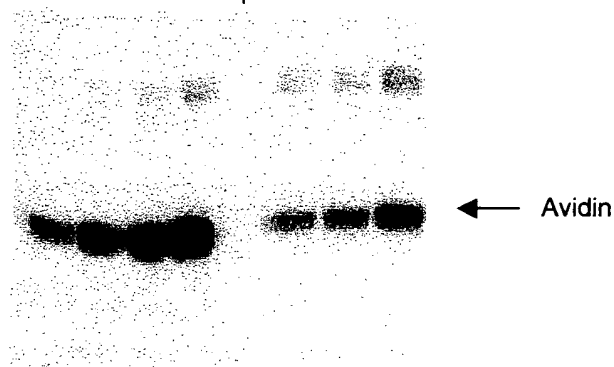
Figure 7

205020" 0692000T

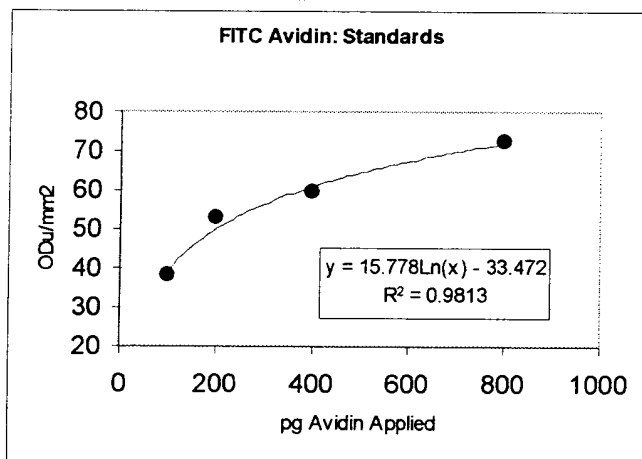
Figure 8

A. FITC-Avidin Standards,
pg loaded onto gel:
100 200 400 800

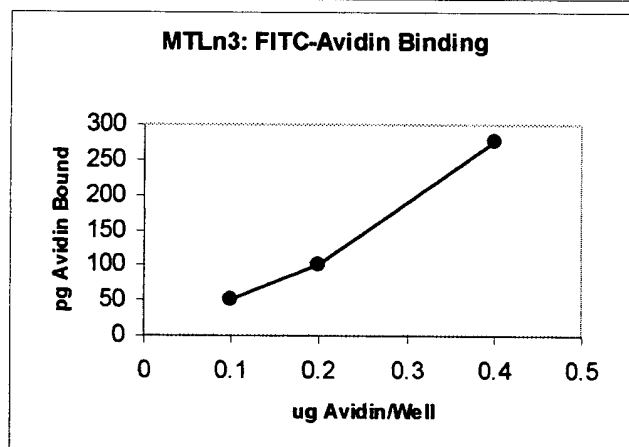
MTLn3 Cell Lysates:
Treatment;
(ug/ml FITC-Avidin in well):
0.1 0.2 0.4



B.



C.



Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
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205050" 0692000T

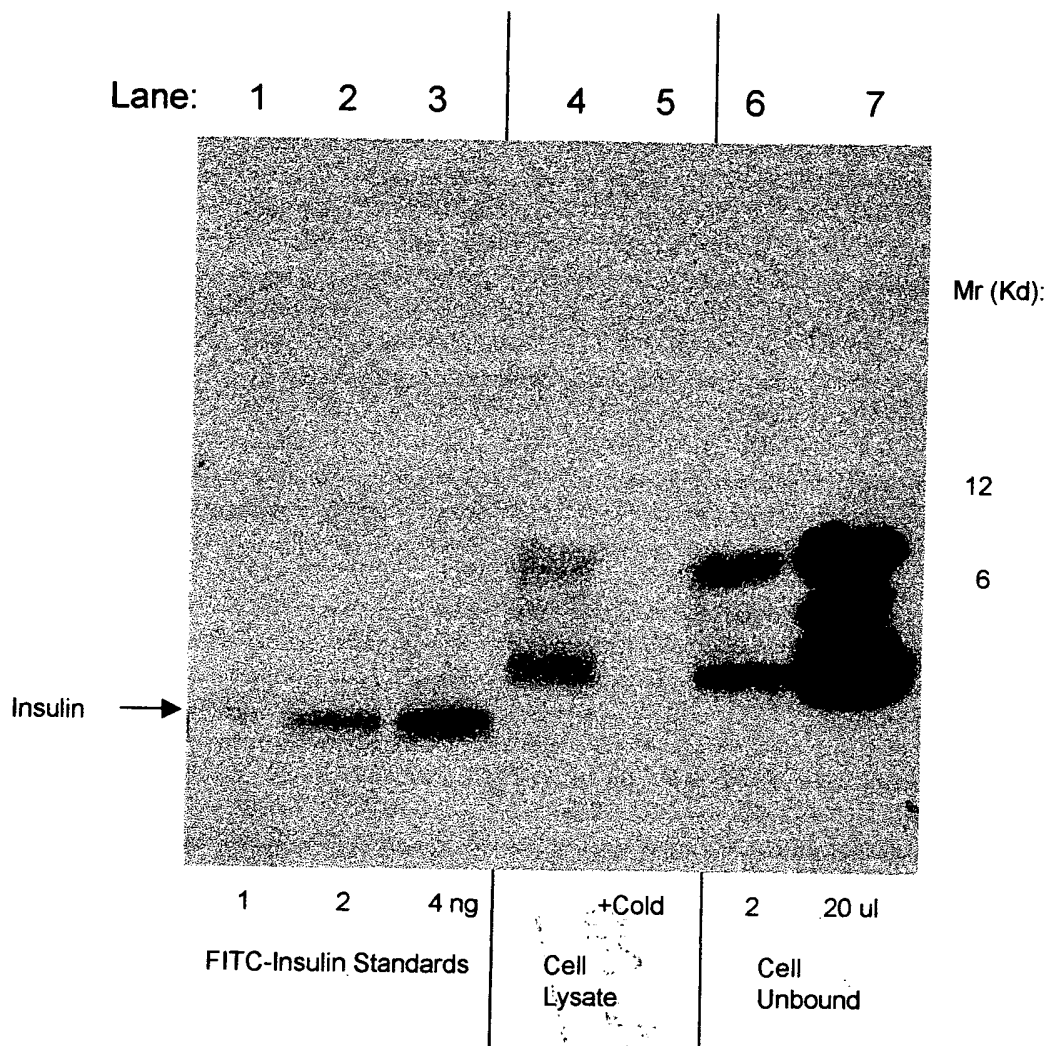


Figure 9: FITC-Insulin binding by K562 cells.

Inventor: Philip Cavanaugh. **Application Number:** 10/002,690
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